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TECHNICAL REPORT

For The

Cargo Movement Operations System (CMOS)

Updated Software Requirements Specifications,
Increment II, (Communications CSCI)

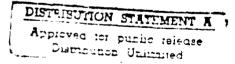DTIC
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Prepared under

Contract Number F11624-88-D-0001/6K12
CDRL #A004-79

Prepared for

Standard Systems Center (SSC)
Deputy Chief of Staff for Acquisition
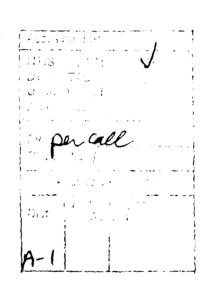Cargo Movement Operations System Division
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Table of Contents

SECTION I.

INTRODUCTION.

The purpose of this Technical Report is to review the
Updated Software Requirements Specifications, Increment II,
(Communications CSCI), CDRL A003-07, which was produced for
the Government by Evaluation Research Corporation.   The
results are provided in the form of Data Item Discrepancy
worksheets as requested by the CMOS Program Office.

SUMMARY.   Not Used.

CONCLUSION.   Not Used.

SECTION II.

RESULTS.

Our analysis is provided in the attached Data Item
Discrepancy worksheets.

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A003-07   DATE: 11/14/90

ORIGINATOR NAME: Vivian L. Martin   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: 11   PARA NUMBER: 3.

COMMENT OR RECOMMENDED CHANGE:

Add interfaces, adapters, and distributors necessary to accommodate the
CMOS to LGTX TEMPEST and LGTX TEMPEST to CMOS interfaces.

RATIONALE:

The IRS identifies these interfaces, but they are not accounted for in the
Communications CSCI.

CMOS PMO ACCEPTS COMMENT: YES [ ]   NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ]   CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A003-07   DATE: 11/14/90

ORIGINATOR NAME: John J. Brassil   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: 21   PARA NUMBER: 3.2.1 a.

COMMENT OR RECOMMENDED CHANGE:

There should not be a shall statement in this paragraph.

RATIONALE:

The shall statement is not testable as written. This problem also occurs
in the following paragraphs: 3.2.1 b., 3.2.1 c., 3.2.1 d. (1st sentence),
3.2.2 e. (1st and 3rd sentence), 3.2.7.21, and 3.2.8 b.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A003-07   DATE: 11/14/90

ORIGINATOR NAME: John J. Brassil   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: 23   PARA NUMBER: 3.2.2 d.

COMMENT OR RECOMMENDED CHANGE:

Add a shall statement number to the end of the first sentence.

RATIONALE:

This sentence constitutes a valid "shall statement", and should have a
corresponding number for inclusion in the Requirements Traceability
Matrix.   This problem also appears in the following "Purpose and
Requirements Satisfied" paragraphs of section 3.2.:

Paragraph	Sentence	Paragraph	Sentence
3.2.2 d.	3rd	3.2.6.16	4th
3.2.2 e.	3rd	3.2.6.17	4th
3.2.4 b.	4th, has two	3.2.6.18	3rd
	"shalls", only	3.2.7	11th
	one number	3.2.7.1	1st & 3rd
3.2.6	3rd & 8th, 11th	3.2.7.3	3rd
	has two "shalls",	3.2.7.4	3rd
	only one number	3.2.7.5	3rd
3.2.6.1	4th	3.2.7.6	3rd
3.2.6.2	4th	3.2.7.7	3rd, 5th, 6th
3.2.6.3	5th & 7th	3.2.7.8	3rd & 4th
3.2.6.4	4th	3.2.7.9	3rd
3.2.6.5	3rd	3.2.7.10	3rd
3.2.6.6	4th	3.2.7.11	3rd
3.2.6.8	4th	3.2.7.13	3rd
3.2.6.9	5th	3.2.7.14	3rd
3.2.6.10	4th	3.2.7.16	3rd
3.2.6.12	4th	3.2.7.19	3rd
3.2.6.14	5th	3.2.7.21	1st & 2nd
		3.2.7.22	3rd
		3.2.8 b.	1st

CMOS PMO ACCEPTS COMMENT: YES [ ]   NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ]   CLOSED [ ]

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A003-07   DATE: 11/14/90

ORIGINATOR NAME: John J. Brassil   OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X   EDITORIAL:

PAGE NUMBER: 29   PARA NUMBER: 3.2.6.1

COMMENT OR RECOMMENDED CHANGE:

The Purpose and Requirements Satisfied paragraph contains derived
requirements which are not in "Shall Statement" form.

RATIONALE:

The 6th, 7th, 8th, and 9th sentences of this paragraph are testable
requirements which should be phrased as "Shall Statements". This problem
also occurs in the following paragraphs:

Paragraph	Sentence	Paragraph	Sentence
3.2.6.5	4th	3.2.7.10	4th
3.2.6.7	5th	3.2.7.12	4th
3.2.6.17	3rd, no SS #	3.2.7.13	4th
3.2.7.1	4th	3.2.7.14	4th
3.2.7.3	4th	3.2.7.16	4th
3.2.7.4	4th	3.2.7.19	4th
3.2.7.5	4th	3.2.7.21	3rd
3.2.7.6	4th	3.2.7.22	4th
3.2.7.7	4th	3.2.8 d.	2nd & 3rd
3.2.7.9	4th	3.2.8 e.	2nd

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ]   NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]